

New Patent Claims 1-10

1. Information carrier (2) with at least one external surface (3) for the readout of optically readable information, whereby a transparent film (4) for copy protection with a property that rotates the polarization of the readout light and/or a filtering property is introduced onto the at-least one external surface (3), [and] the optically readable information contains holographically recorded information, is characterized in that the copy-protection film (4) has surface segments (6,7) of different polarization-rotating or filtering properties, these surface segments (6,7), viewed together, show an information pattern [and this information pattern contains coded information,] at least in part, and that the information on information carrier (2) also contains coded information, at least in part, whereby the coded information of copy-protection film (4) is the decoding key for the coded information of information carrier (2), or vice versa.

2. Information carrier (2) according to claim 1, further characterized in that when information carrier (2) is used as a safety seal, the (coded) information of the copy-protection film (4) and/or information carrier (2) contains individualized information, at least in part.

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3. Information carrier (2) according to one of the preceding claims, further characterized in that the copy-protection film (4) is introduced onto external surface (3) of information carrier (2) by means of predetermined breaking points or by means of an undetachable adhesive technique.

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4. Information carrier (2) according to one of the preceding claims, further characterized in that a fraction of surface segments (6,7) of copy-protection film (4) is formed as transparent perforations (6) that do not influence the polarization.

5. Information carrier (2) according to claim 4, further characterized in that perforations (6) are filled with materials that have a fluorescing, phototropic, light-storing and/or photothermic property.

6. Information carrier (2) according to one of the preceding claims, further characterized in that information carrier (2) containing the holographic information is introduced onto a luminous surface (10) over another external surface (5).

7. Information carrier (2) according to claim 6, further characterized in that luminous surface (10) is comprised of an electrofluorescing material or a material emitting light under microwave irradiation.

8. Information carrier (2) according to claim 6 or 7, further characterized in that a point-light mask (9) is arranged between the additional external surface (5) of information carrier (2) and luminous surface (10).

9. Information carrier (2) according to one of the preceding claims, further characterized in that one or more of the materials used is/are doped with specific substances in specific quantity ratios.

10. Information carrier (2) according to one of the preceding claims, further characterized in that information carrier (2) is the external surface of an injection-molded part, which contains a surface structure with optically diffracting properties, at least in segments, as the information carrier.